

8EHQ-1002-152125
"Sanitized Copy"

MR #62890

CONFIDENTIAL
CONTAINS CONFIDENTIAL BUSINESS INFORMATION PROTECTED FROM
DISCLOSURE UNDER SECTION 14 OF TSCA

Document Control Office (7407)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention & Toxics
U.S. Environmental Protection Agency
Washington, DC 20460-0001

9/30/02

COMPANY SANITIZED

Dear Sir:

[REDACTED] submits the following information to the U. S. Environmental Protection Agency in compliance with the Toxic Substances Control Act (TSCA) Section 8(e) regulations.

Algae toxicity screening of two amine/glycidyl ether R&D materials [REDACTED] generated an EC_{50} of 0.058 mg/L and an EC_{50} range of 0.44 to 0.835 mg/L, respectively.

The appropriate personnel at [REDACTED] have been notified of these findings. Product literature will be reviewed and will be modified, as appropriate.

Complete and "sanitized" copies of the test results and a "sanitized" copy of this letter are attached. Also, enclosed is the support information to substantiate the company's claims of confidentiality for this TSCA 8(e) submission. If you need additional information, please contact me at [REDACTED].

Sincerely,

[REDACTED]

[REDACTED]

RECEIVED
OPT CND
02 OCT 18 AM 7:21

RECEIVED
OPT NCIC
2002 NOV -1 AM 11:17

2 Enclosures

8EHQ-02-15212
840300000075

Test material information

Sample ID: [REDACTED]

CAS #s: [REDACTED]

Sample description: [REDACTED]

Study descriptions and results

- An acute toxicity study with fresh water algae was conducted at [REDACTED]. Nominal concentrations of 0.0063, 0.0125, 0.025, 0.05, 0.1 mg/l were tested. Three replicates were tested at each dose level. Biomass was measured.

| Nominal Conc. (mg/l) | Mean growth inhibition (%) after 72-hours |
|-------------------------|--|
| Control | 0 |
| 0.0063 | 29 |
| 0.0125 | 29 |
| 0.025 | 38 |
| 0.05 | 42 |
| 0.1 | 63 |

The 72-hour EC_{50} = 0.058 mg/L (95% Confidence Limits = 0.039 - 0.111)

Test material information

Sample ID: [REDACTED]

CAS #s: none

Sample description: [REDACTED]

Study descriptions and results

- An acute toxicity study with fresh water algae was conducted at [REDACTED]. Nominal concentrations of 0.0625, 0.125, 0.25, 0.5, and 1.0 mg/L were tested. Three replicates were tested at each dose level. Biomass was measured.

| Nominal Conc. (mg/l) | Mean growth inhibition (%) after 72-hours |
|-------------------------|--|
| Control | 0 |
| 0.0625 | 0 |
| 0.125 | 0 |
| 0.25 | 0 |
| 0.5 | 36 |
| 1.0 | 53 |

The 72-hour EC_{50} = 0.835 mg/L (95% Confidence Limits = 0.532 - 4.356)

[REDACTED]

“Sanitized Copy”

- An acute toxicity study with marine algae was conducted at [REDACTED]. Nominal concentrations of 0.032, 0.056, 0.1, 0.18, 0.32, 0.56, and 1.0 mg/L were tested. Three replicates were tested at each dose level. Growth rate was measured.

| Nominal Conc. (mg/l) | Mean 0-72 hour growth inhibition (%) |
|-------------------------|---|
| Control | - |
| 0.032 | 0 |
| 0.056 | 0 |
| 0.1 | 0 |
| 0.18 | 0.6 |
| 0.32 | 11.6 |
| 0.56 | 94.2 |
| 1.0 | 100 |

The 72-hour EC_{50} = 0.44 mg/L (95% Confidence Limits = 0.4 – 0.51)

"Sanitized Copy"

Substantiation for Claims of Confidential Business Information in the TSCA 8(e) submission on [REDACTED] dated September 30, 2002

[REDACTED] requests confidential treatment for the information in this TSCA 8(e) submission. Confidential treatment of the chemical identity of these R&D materials should be permanent, because this information is a valuable trade secret to [REDACTED].

Protection of Confidential Information

[REDACTED] does take measures to protect the confidentiality of the information in this TSCA 8(e) submission. [REDACTED] has established a corporate standard practice, which sets requirements for the disclosure of proprietary information to outside parties. Such information must be disclosed only under the terms of a written confidentiality agreement following consideration of the reliability of the party to whom the information is given.

The chemical information in this TSCA 8(e) submission is unpublished information. Its content does not appear in any advertising, promotional materials, or other media available to the public or our competitors. Nor does the chemical identity provided in this TSCA 8(e) submission appear on material safety data sheets, product labels, or other shipping information.

In short, to the best of our knowledge, the information in this TSCA 8(e) submission is not reasonably available without our consent by persons outside [REDACTED]. Likewise, this information has not been available to third parties in the past.

[REDACTED]